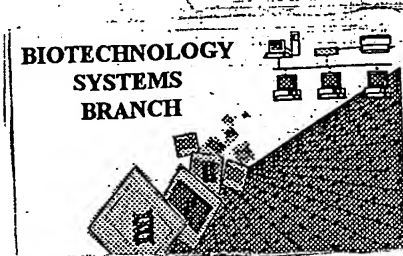


0570
0606



RAW SEQUENCE LISTING **ERROR REPORT**

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Application Serial Number: 10/086,738
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PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

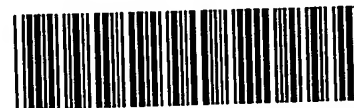
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Revised 01/29/2002



OICE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/086,738

DATE: 06/05/2002
TIME: 10:48:29

Input Set : A:\P22042.ST25.txt
Output Set: N:\CRF3\06052002\J086738.raw

pp 1-2
**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: MIYAWAKI, Atsushi
4 NAGAI, Takeharu
6 <120> TITLE OF INVENTION: A Fluorescent Protein
8 <130> FILE REFERENCE: P22042
10 <140> CURRENT APPLICATION NUMBER: US 10/086,738
11 <141> CURRENT FILING DATE: 2002-03-04
13 <150> PRIOR APPLICATION NUMBER: PCT/JP05/98922001
14 <151> PRIOR FILING DATE: 2001-03-05
16 <160> NUMBER OF SEQ ID NOS: 5
18 <170> SOFTWARE: PatentIn version 3.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1278

22 <212> TYPE: DNA

OK 23 <213> ORGANISM: Artificial

25 <220> FEATURE:

26 <223> OTHER INFORMATION: Recombinant Fluorescent Protein

28 <400> SEQUENCE: 1

*This is a nucleotide
sequence*

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33	gccgacaagc agaagaacgg catcaaggcc aacttcaaga tccgccacaa catcgaggac	180
35	ggcggcgtgc agctcgccga ccaactaccag cagaacaccc ccatcgcgca cggccccgtg	240
37	ctgctgcccc acaaccacta cctgagccac cagtcgcgcc tgagcaaaga cccaacgag	300
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41	gacgagctgt acaaggggtg cagcgggtgg atggtgagca agggcgagga gctgttcacc	420
43	gggggtggtg ccatacctggt cgagctggac ggcgacgtaa acggccacaa gttcagcgtg	480
45	tccggcgagg gcgaggcgga tgccacctac ggcaagctga ccctgaagtt catctgcacc	540
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55	ttcaaggagg acggcaacat cctggggcac aagctggagt acaacggtac cggggaccaa	840
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59	gacggcacca tcaccacaaa ggaacttggc accgttatga ggtcgcttgg acaaaaccca	960
61	acggaagcag aattgcagga tatgatcaat gaagtcgatg ctgatggcaa tggaaacgatt	1020
63	tactttcctg aatttcttac tatgatggct agaaaaatga aggacacaga cagcgaagag	1080
65	gaaatccgag aagcattccg tgtttttgac aaggatggga acggctacat cagcgtgct	1140
67	cagttacgtc acgtcatgac aaacctcggg gagaagttaa cagatgaaga agttgatgaa	1200
69	atgataaggg aagcagatat cgatggtgat ggccaagtaa actatgaaga gtttgtacaa	1260
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74 <210> SEQ ID NO: 2

75 <211> LENGTH: 1284

76 <212> TYPE: DNA

OK 77 <213> ORGANISM: Artificial

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/086,738

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Input Set : A:\P22042.ST25.txt
Output Set: N:\CRF3\06052002\J086738.raw

79 <220> FEATURE:

80 <223> OTHER INFORMATION: Recombinant Fluorescent Protein

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87	gccgacaagc	agaagaacgg	catcaaggcc	aacttcaaga	tccgccacaa	catcgaggac	180
89	ggcggcgctg	agctcgccga	ccactaccag	cagaacaccc	ccatcggcga	cggccccgtg	240
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105	gccatgccc	aaggctacgt	ccaggagcgc	accatcttct	tcaaggacga	cggcaactac	720
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115	aacccaacgg	aagcagaatt	gcaggatatg	atcaatgaag	tcgatgctga	tggcaatgga	1020
117	acgatttact	ttcctgaatt	tcttactatg	atggctagaa	aatgaagga	cacagacagc	1080
119	gaagaggaaa	tccgagaagc	attccgtgtt	tttgacaagg	atgggaacgg	ctacatcagc	1140
121	gctgctcagt	tacgtcacgt	catgacaaac	ctcggggaga	agttaacaga	tgaagaagtt	1200
123	gatgaaatga	taagggaagc	agatatcgat	ggtgatggcc	aagtaaaacta	tgaagagttt	1260
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129 <211> LENGTH: 1284

130 <212> TYPE: DNA

OK-> 131 <213> ORGANISM: Artificial

133 <220> FEATURE:

134 <223> OTHER INFORMATION: Recombinant Fluorescent Protein

136 <400> SEQUENCE: 3

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141	gccgacaagc	agaagaacgg	catcaaggcc	aacttcaaga	tccgccacaa	catcgaggac	180
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147	aagcgcgata	acatggctct	gctggagttc	gtgaccgccc	ccgggatcac	tctcggcata	360
149	gacgagctgt	acaaggctga	cgggtggcagc	ggtggcaccg	gtgtgagcaa	gggcgaggag	420
151	ctgttcaccg	gggtgggtgc	catcctggtc	gagctggacg	gcgacgtaaa	cggccacaag	480
153	ttcagcgtgt	ccggcgaggg	cgagggcgat	gccacctacg	gcaagctgac	cctgaagctc	540
155	atctgcacca	ccggcaagct	gcccgtgccc	tggcccaccc	tcgtgaccac	cttcgggtac	600
157	ggcctgaagt	gcttcgccc	ctaccccgac	cacatgaagc	agcacgactt	cttcaagtcc	660
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161	aagaccgcg	ccgaggtgaa	gttcgagggc	gacaccctgg	tgaaccgcat	cgagctgaag	780
163	ggcatcgact	tcaaggagga	cggcaacatc	ctggggcaca	agctggagta	caacgggtacc	840
165	gaccaactga	cagaagagca	gattgcagag	ttcaaagaag	ccttctcatt	attcgacaag	900
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169	aacccaacgg	aagcagaatt	gcaggatatg	atcaatgaag	tcgatgctga	tggcaatgga	1020

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 173 gaagaggaaa tccgagaagc attccgtgtt ttgacaagg atgggaacgg ctacatcagc 1140
 175 gctgctcagt tacgtcacgt catgacaaac ctcggggaga agttaacaga tgaagaagtt 1200
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 188 <223> OTHER INFORMATION: Linker Peptide
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 201 <223> OTHER INFORMATION: Linker Peptide
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